Page 1 14:28 <golam shameem> 06/01/2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1626gms

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
NEWS	6	MAR 03	MEDLINE and LMEDLINE reloaded
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 03	FRANCEPAT now available on STN
NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	10	MAR 29	WPIFV now available on STN
NEWS	11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	12	APR 26	PROMT: New display field available
NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN
NEWS	21	May 27	STN User Update to be held June 7 and June 8 at the SLA 2004 Conference
NEWS	22	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS	23	May 27	CAplus super roles and document types searchable in REGISTRY
NEWS	24	May 27	Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

10676706

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:19:33 ON 01 JUN 2004

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:19:46 ON 01 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 31 MAY 2004 HIGHEST RN 688001-12-9
DICTIONARY FILE UPDATES: 31 MAY 2004 HIGHEST RN 688001-12-9

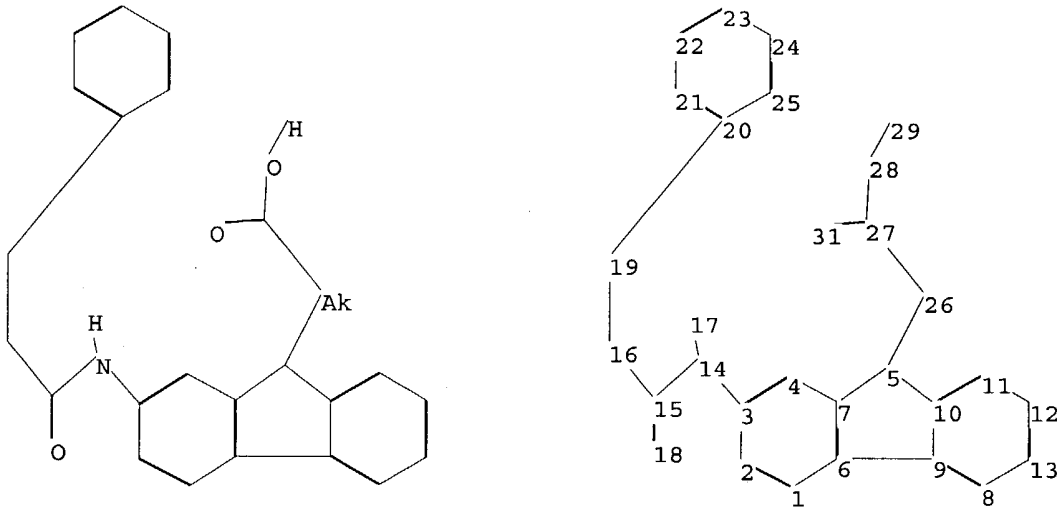
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10676706.str

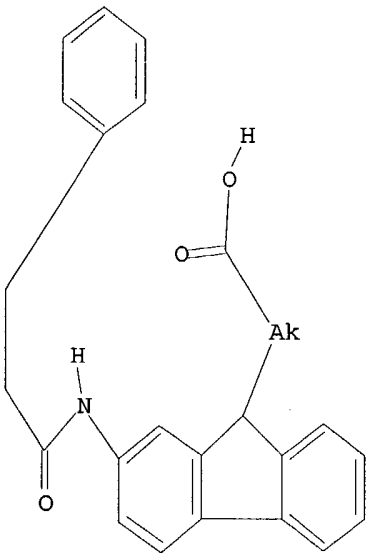


chain nodes :
14 15 16 17 18 19 26 27 28 29 31
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 20 21 22 23 24 25
chain bonds :
3-14 5-26 14-15 14-17 15-16 15-18 16-19 19-20 26-27 27-28 27-31 28-29
ring bonds :
1-2 1-6 2-3 3-4 4-7 5-10 5-7 6-9 6-7 8-9 8-13 9-10 10-11 11-12 12-13
20-21 20-25 21-22 22-23 23-24 24-25
exact/norm bonds :
3-14 5-26 14-15 15-18 26-27
exact bonds :
5-10 5-7 6-9 14-17 15-16 16-19 19-20 28-29
normalized bonds :
1-2 1-6 2-3 3-4 4-7 6-7 8-9 8-13 9-10 10-11 11-12 12-13 20-21 20-25
21-22 22-23 23-24 24-25 27-28 27-31
isolated ring systems :
containing 1 : 20 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS 27:CLASS
28:CLASS 29:CLASS 31:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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=> s l1
SAMPLE SEARCH INITIATED 14:20:02 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     48 TO ITERATE

100.0% PROCESSED      48 ITERATIONS                              1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          545 TO     1375
PROJECTED ANSWERS:               1 TO       80

L2             1 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 14:20:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    959 TO ITERATE

100.0% PROCESSED     959 ITERATIONS                             12 ANSWERS
SEARCH TIME: 00.00.01

L3            12 SEA SSS FUL L1

=> FIL CAPLUS
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                              155.42     155.63

FILE 'CAPLUS' ENTERED AT 14:20:13 ON 01 JUN 2004
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COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
```

FILE COVERS 1907 - 1 Jun 2004 VOL 140 ISS 23
FILE LAST UPDATED: 31 May 2004 (20040531/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 1 L3

=> d l4 ibib abs hitstr tot

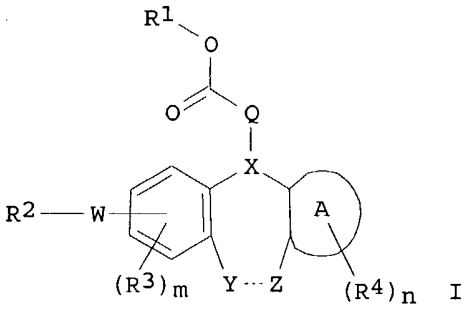
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:157728 CAPLUS
DOCUMENT NUMBER: 136:200477
TITLE: Preparation of carbocyclic and heterocyclic compounds as integrin receptor inhibitors
INVENTOR(S): Artis, Dean R.; Jackson, David Y.; Rawson, Thomas E.; Reynolds, Mark E.; Sutherlin, Daniel P.; Stanley, Mark S.
PATENT ASSIGNEE(S): Genentech, Inc., USA
SOURCE: PCT Int. Appl., 59 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002016313	A2	20020228	WO 2001-US25865	20010816
WO 2002016313	A3	20030530		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001086542	A5	20020304	AU 2001-86542	20010816
US 2002035104	A1	20020321	US 2001-932695	20010816
EP 1330430	A2	20030730	EP 2001-965996	20010816
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2003100599	A1	20030529	US 2002-313147	20021206
US 6706753	B2	20040316		
US 2004077693	A1	20040422	US 2003-676706	20030930

PRIORITY APPLN. INFO.: US 2000-226626P P 20000818
US 2001-932695 B1 20010816
WO 2001-US25865 W 20010816
US 2002-313147 A1 20021206

OTHER SOURCE(S): MARPAT 136:200477

GI



I

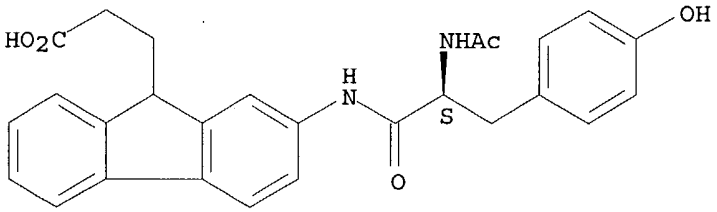
AB Compds. I [A is a 5- or 6-membered carbocycle or heterocycle optionally substituted by oxo and R4; Q is (un)substituted alkyl, alkenyl or alkynyl or oxa, aza and thia derivs.; X is (un)substituted methylene or imino; Y is H, -CHR3-, -CR3= or a bond; Z is H, -CHR3-, =CR3-, -NR3-, =N-, O, S, SO, SO2 or a bond, provided that when one of Y and Z is H then the other is also H; W is -C(O)NR6- (R6 = H, alkyl, alkenyl, alkynyl), -NR6C(O)-, -C(S)NR6-, NR6, O, S, SO2, -CH2-, -C-, -NR6SO2-, etc.; R1 is H, (un)substituted alkyl, alkenyl, alkynyl, carbocycle, or heterocycle; R2 is similar to R1, but not H; R3, R4 are H, OH, halogen, amino, nitro, carboxy, (un)substitute alkyl, etc.; m, n = 1-3] were prepared The compds. of the invention bind to α4 integrin receptors and thereby inhibit binding of ligands for α4 integrins which is useful for prophylactic and/or therapeutic treatment of diseases and conditions associated with α4 integrins or their ligands. Thus, 2-[(N-acetyl-L-tyrosyl)amino]-9-fluorenepropionic acid was prepared the solid-phase method using resin-bound acrylic acid.

IT **401643-15-0P 401643-25-2P 401643-26-3P**
401643-27-4P 401643-30-9P 401643-33-2P
401643-34-3P 401643-35-4P 401643-36-5P
401643-37-6P 401643-40-1P 401643-41-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of carbocyclic and heterocyclic compds. as integrin receptor inhibitors)

RN 401643-15-0 CAPLUS

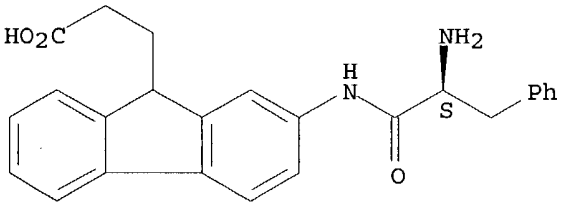
CN 9H-Fluorene-9-propanoic acid, 2-[[(2S)-2-(acetylamino)-3-(4-hydroxyphenyl)-1-oxopropyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



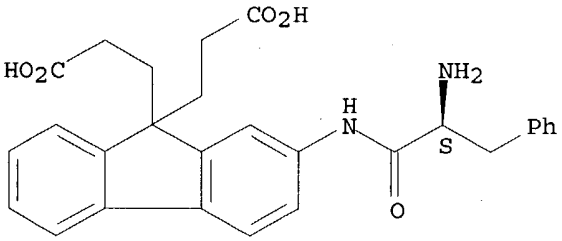
RN 401643-25-2 CAPLUS
CN 9H-Fluorene-9-propanoic acid, 2-[[(2S)-2-amino-1-oxo-3-phenylpropyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



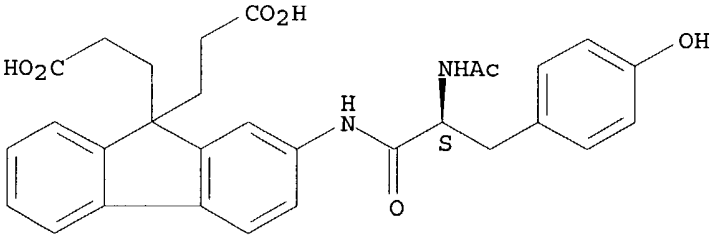
RN 401643-26-3 CAPLUS
CN 9H-Fluorene-9,9-dipropanoic acid, 2-[[(2S)-2-amino-1-oxo-3-phenylpropyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



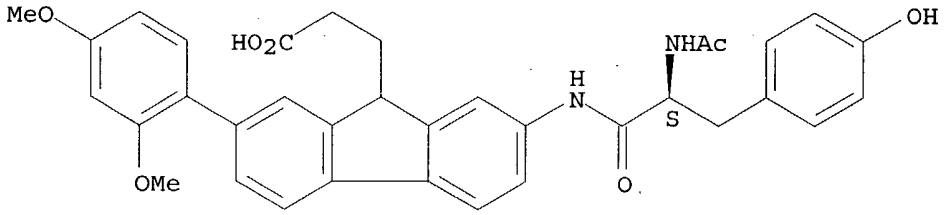
RN 401643-27-4 CAPLUS
CN 9H-Fluorene-9,9-dipropanoic acid, 2-[[(2S)-2-(acetylamino)-3-(4-hydroxyphenyl)-1-oxopropyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



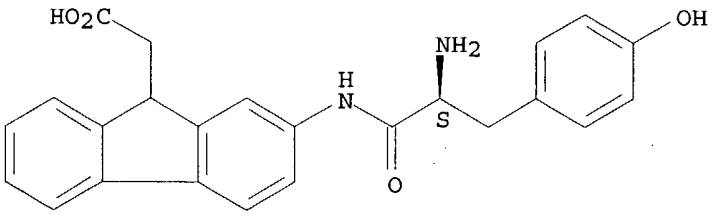
RN 401643-30-9 CAPLUS
CN 9H-Fluorene-9-propanoic acid, 2-[[(2S)-2-(acetylamino)-3-(4-hydroxyphenyl)-1-oxopropyl]amino]-7-(2,4-dimethoxyphenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



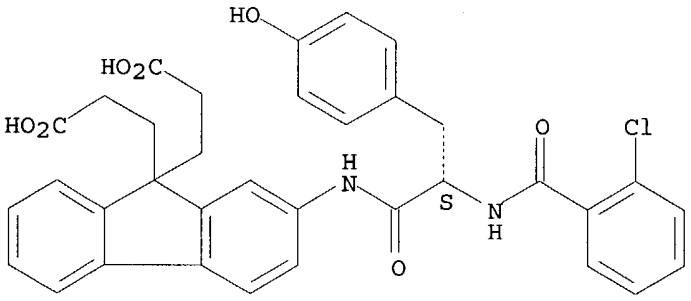
RN 401643-33-2 CAPLUS
CN 9H-Fluorene-9-acetic acid, 2-[[(2S)-2-amino-3-(4-hydroxyphenyl)-1-oxopropyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



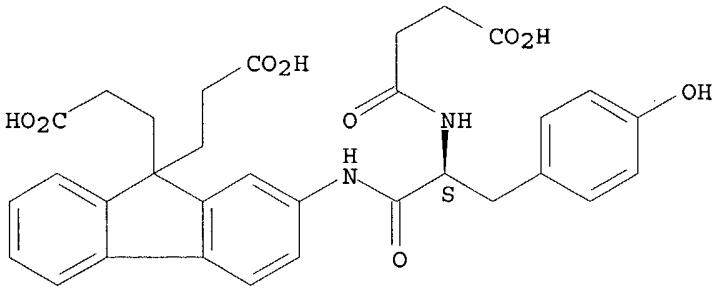
RN 401643-34-3 CAPLUS
CN 9H-Fluorene-9,9-dipropanoic acid, 2-[[(2S)-2-[(2-chlorobenzoyl)amino]-3-(4-hydroxyphenyl)-1-oxopropyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



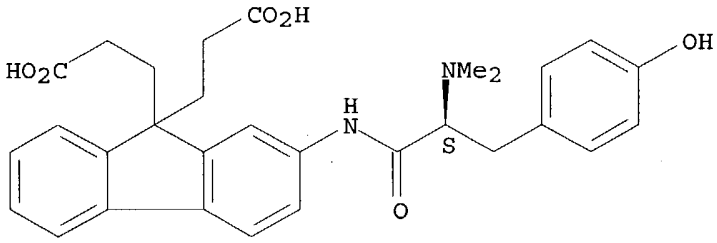
RN 401643-35-4 CAPLUS
CN 9H-Fluorene-9,9-dipropanoic acid, 2-[[(2S)-2-[(3-carboxy-1-oxopropyl)amino]-3-(4-hydroxyphenyl)-1-oxopropyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



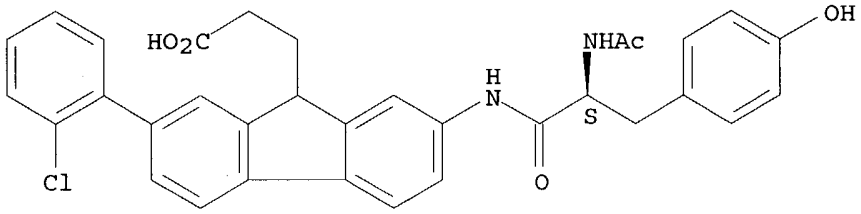
RN 401643-36-5 CAPLUS
CN 9H-Fluorene-9,9-dipropanoic acid, 2-[[(2S)-2-(dimethylamino)-3-(4-hydroxyphenyl)-1-oxopropyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



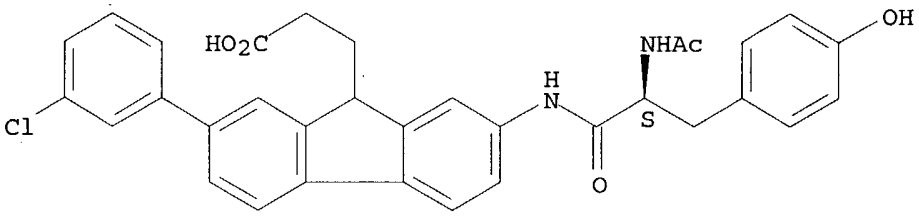
RN 401643-37-6 CAPLUS
CN 9H-Fluorene-9-propanoic acid, 2-[[(2S)-2-(acetylamino)-3-(4-hydroxyphenyl)-1-oxopropyl]amino]-7-(2-chlorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



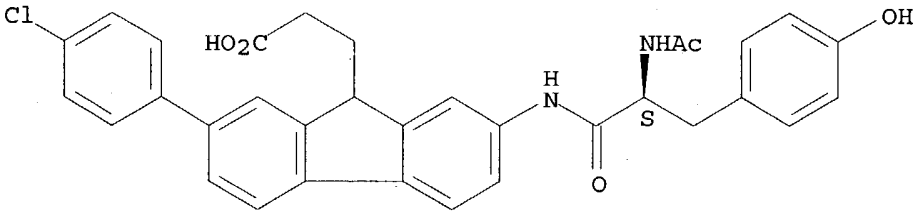
RN 401643-40-1 CAPLUS
CN 9H-Fluorene-9-propanoic acid, 2-[[(2S)-2-(acetylamino)-3-(4-hydroxyphenyl)-1-oxopropyl]amino]-7-(3-chlorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 401643-41-2 CAPLUS
CN 9H-Fluorene-9-propanoic acid, 2-[[(2S)-2-(acetylamino)-3-(4-hydroxyphenyl)-1-oxopropyl]amino]-7-(4-chlorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.51	162.14

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-0.69

FILE 'REGISTRY' ENTERED AT 14:22:35 ON 01 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 31 MAY 2004 HIGHEST RN 688001-12-9
DICTIONARY FILE UPDATES: 31 MAY 2004 HIGHEST RN 688001-12-9

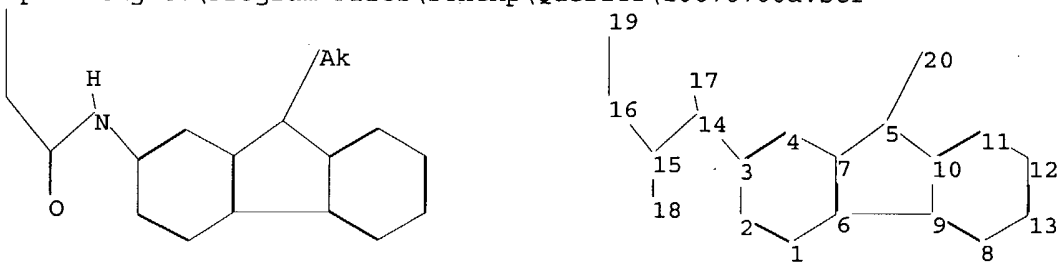
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10676706a.str

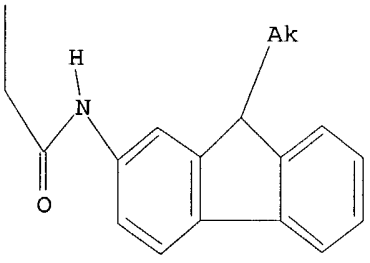


chain nodes :
14 15 16 17 18 19 20
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13
chain bonds :
3-14 5-20 14-15 14-17 15-16 15-18 16-19
ring bonds :
1-2 1-6 2-3 3-4 4-7 5-10 5-7 6-9 6-7 8-9 8-13 9-10 10-11 11-12 12-13
exact/norm bonds :
3-14 5-10 5-7 5-20 6-9 14-15 15-18
exact bonds :
14-17 15-16 16-19
normalized bonds :
1-2 1-6 2-3 3-4 4-7 6-7 8-9 8-13 9-10 10-11 11-12 12-13

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS

L5 STRUCTURE UPLOADED

=> d l5
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l5
SAMPLE SEARCH INITIATED 14:22:54 FILE 'REGISTRY'

10676706

SAMPLE SCREEN SEARCH COMPLETED - 2271 TO ITERATE

44.0% PROCESSED 1000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 42562 TO 48278
PROJECTED ANSWERS: 2 TO 217

L6 2 SEA SSS SAM L5

=> s l5 sss full
FULL SEARCH INITIATED 14:23:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 45203 TO ITERATE

100.0% PROCESSED 45203 ITERATIONS 46 ANSWERS
SEARCH TIME: 00.00.02

L7 46 SEA SSS FUL L5

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	155.42	317.56

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.69

FILE 'CAPLUS' ENTERED AT 14:23:10 ON 01 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 1 Jun 2004 VOL 140 ISS 23
FILE LAST UPDATED: 31 May 2004 (20040531/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l7
L8 13 L7

=> s l8 and py<=2000
20615779 PY<=2000
L9 11 L8 AND PY<=2000

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=> s l9 and thu
           137 THU
       2158280 THUS
       2158402 THU
                 (THU OR THUS)
L10          1 L9 AND THU

=> FIL REGISTRY
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       5.39     322.95

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)            SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                       0.00      -0.69

FILE 'REGISTRY' ENTERED AT 14:25:29 ON 01 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   31 MAY 2004  HIGHEST RN 688001-12-9
DICTIONARY FILE UPDATES:  31 MAY 2004  HIGHEST RN 688001-12-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10676706b.str
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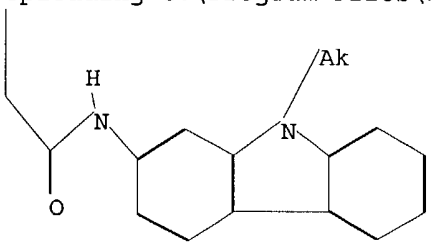

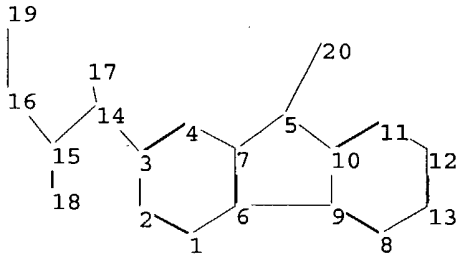


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14  15  16  17  18  19  20
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13
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3-14  5-20  14-15  14-17  15-16  15-18  16-19
ring bonds :
```

```
1-2  1-6  2-3  3-4  4-7  5-10  5-7  6-9  6-7  8-9  8-13  9-10  10-11  11-12  12-13
exact/norm bonds :
3-14  5-10  5-7  5-20  6-9  14-15  15-18
exact bonds :
14-17  15-16  16-19
normalized bonds :
1-2  1-6  2-3  3-4  4-7  6-7  8-9  8-13  9-10  10-11  11-12  12-13


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:Atom  12:Atom  13:Atom  14:CLASS  15:CLASS  16:CLASS  17:CLASS  18:CLASS
19:CLASS  20:CLASS



L11     STRUCTURE UPLOADED

=> d l11
L11 HAS NO ANSWERS
L11              STR
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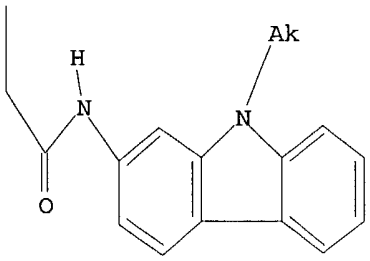


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Structure attributes must be viewed using STN Express query preparation.


=> s l11
SAMPLE SEARCH INITIATED 14:25:57 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    703 TO ITERATE

100.0% PROCESSED     703 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        12470 TO    15650
PROJECTED ANSWERS:               0 TO        0

L12           0 SEA SSS SAM L11

=> s l11 sss full
FULL SEARCH INITIATED 14:26:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  13019 TO ITERATE

100.0% PROCESSED   13019 ITERATIONS                                  8 ANSWERS
SEARCH TIME: 00.00.01

L13           8 SEA SSS FUL L11
```

```
=> FIL CAPLUS
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY     SESSION
FULL ESTIMATED COST                                       155.42      478.37

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)              SINCE FILE      TOTAL
                                                           ENTRY     SESSION
CA SUBSCRIBER PRICE                                         0.00       -0.69

FILE 'CAPLUS' ENTERED AT 14:26:11 ON 01 JUN 2004
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907 - 1 Jun 2004  VOL 140 ISS 23
FILE LAST UPDATED: 31 May 2004  (20040531/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


=> s l13
L14           5 L13

=> d his

     (FILE 'HOME' ENTERED AT 14:19:33 ON 01 JUN 2004)

     FILE 'REGISTRY' ENTERED AT 14:19:46 ON 01 JUN 2004
L1               STRUCTURE UPLOADED
L2             1 S L1
L3            12 S L1 SSS FULL

     FILE 'CAPLUS' ENTERED AT 14:20:13 ON 01 JUN 2004
L4             1 S L3

     FILE 'REGISTRY' ENTERED AT 14:22:35 ON 01 JUN 2004
L5               STRUCTURE UPLOADED
L6             2 S L5
L7            46 S L5 SSS FULL

     FILE 'CAPLUS' ENTERED AT 14:23:10 ON 01 JUN 2004
L8            13 S L7
L9            11 S L8 AND PY<=2000
L10            1 S L9 AND THU

     FILE 'REGISTRY' ENTERED AT 14:25:29 ON 01 JUN 2004
L11              STRUCTURE UPLOADED
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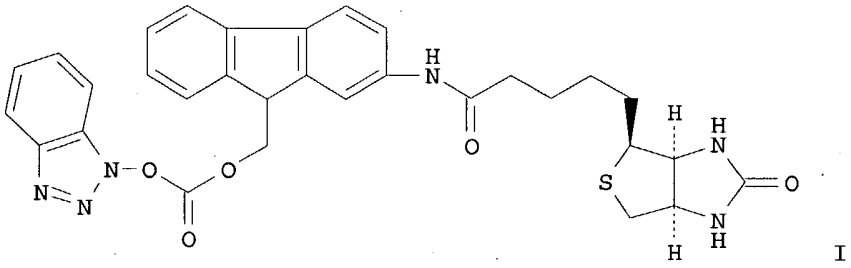
L12 0 S L11
L13 8 S L11 SSS FULL

FILE 'CAPLUS' ENTERED AT 14:26:11 ON 01 JUN 2004
L14 5 S L13

=> d l10 ibib abs hitstr tot

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1995:1004564 CAPLUS
DOCUMENT NUMBER: 124:203029
TITLE: Synthesis of the carbonic acid benzotriazol-1-yl-ester-(2-biotinylamino)-9H-fluoren-9-ylmethyl ester: a convenient transient-biotinylation reagent for use in affinity chromatography
AUTHOR(S): Kazmierski, Wieslaw M.; McDermed, John
CORPORATE SOURCE: Department Medicinal Chemistry, Glaxo Wellcome Inc., Research Triangle Park, NC, 27709, USA
SOURCE: Tetrahedron Letters (**1995**), 36(50), 9097-100
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



I

AB Stepwise synthesis of hydrophobic peptides frequently yields deletion products, which often require extensive purification and identification. A new transient-biotinylation reagent I was prepared, which was conveniently used in affinity chromatog. of crude products to afford pure peptides. Unlike conventional affinity chromatog., reagent I leads to free N-terminal peptides, which are **thus** amenable to further chemical manipulations.

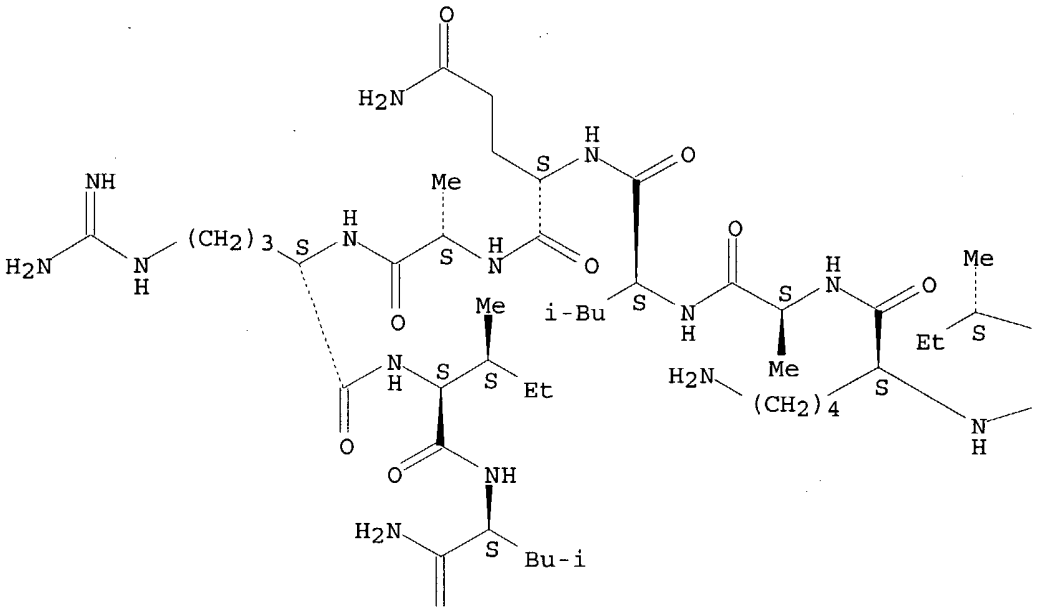
IT **174136-20-0P 174136-22-2P 174289-79-3P 174289-82-8P**
RL: PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of a (biotinylamino)fluorenylmethyl active ester as a convenient transient biotinylation reagent affinity chromatog. purification of peptides)

RN 174136-20-0 CAPLUS
CN L-Leucinamide, N-[[[2-[[5-(hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl)-1-oxopentyl]amino]-9H-fluoren-9-yl]methoxy]carbonyl]-L-leucyl-L-leucyl-L-glutaminyl-L-leucyl-L-threonyl-L-valyl-L-tryptophylglycyl-L-isoleucyl-L-lysyl-L-alanyl-L-leucyl-L-glutaminyl-L-alanyl-L-arginyl-L-isoleucyl-,

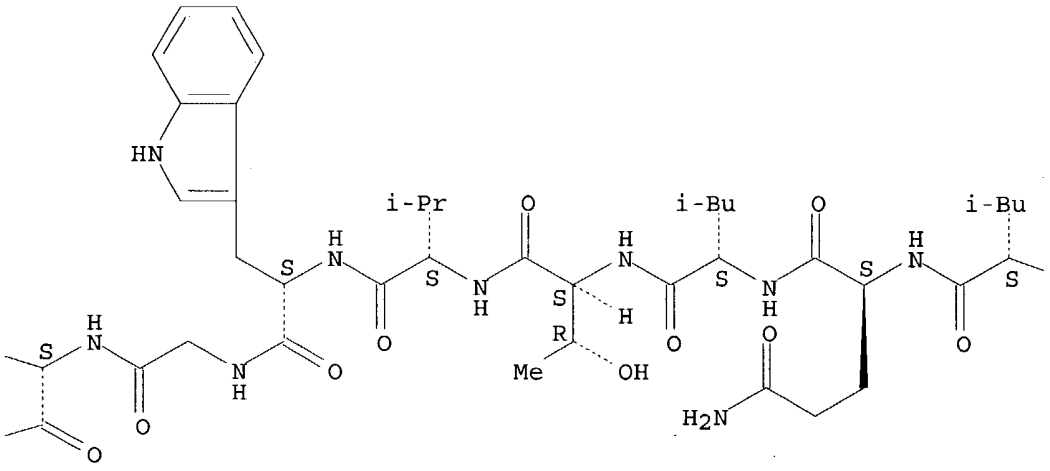
[3aS-[3aα,4β(R*),6aα]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

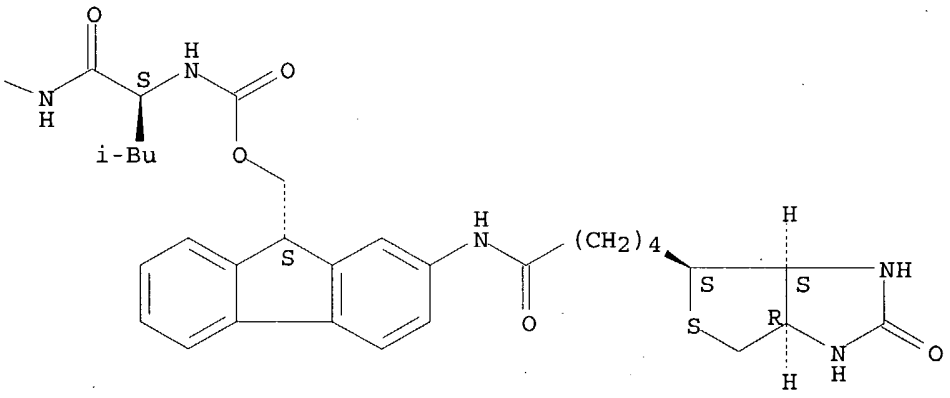
PAGE 1-A



PAGE 1-B



PAGE 1-C



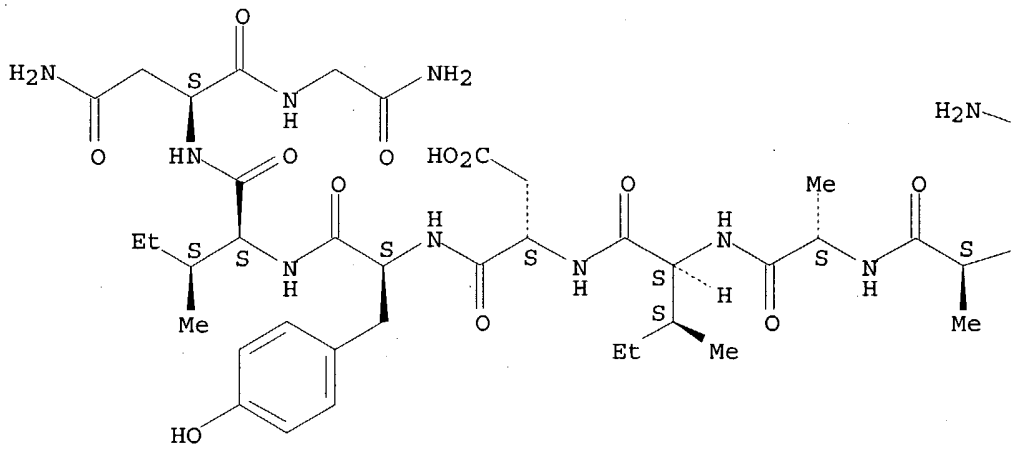
PAGE 2-A

RN 174136-22-2 CAPLUS

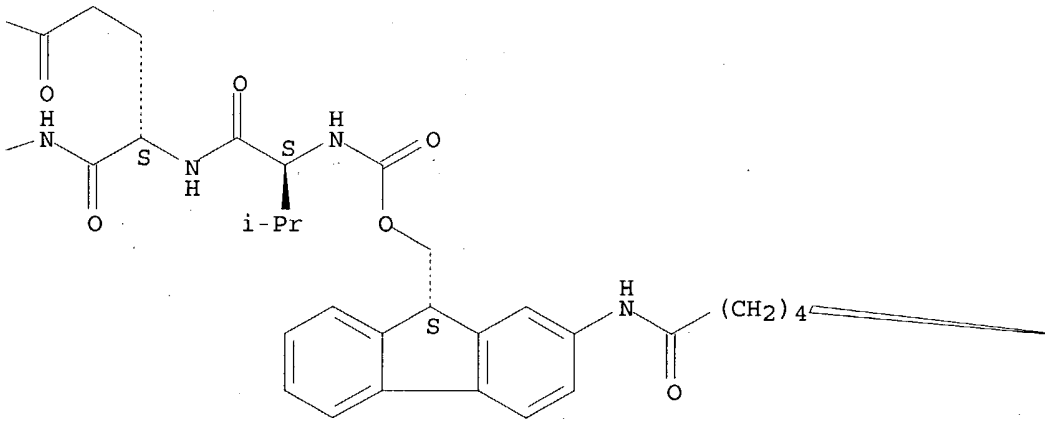
CN Glycinamide, N-[[[2-[[5-(hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl)-1-oxopentyl]amino]-9H-fluoren-9-yl]methoxy]carbonyl]-L-valyl-L-glutaminyl-L-alanyl-L-alanyl-L-isoleucyl-L-α-aspartyl-L-tyrosyl-L-isoleucyl-L-asparaginyl-, [3aS-[3aα,4β(R*),6aα]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

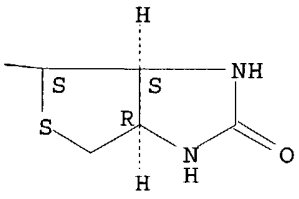
PAGE 1-A



PAGE 1-B



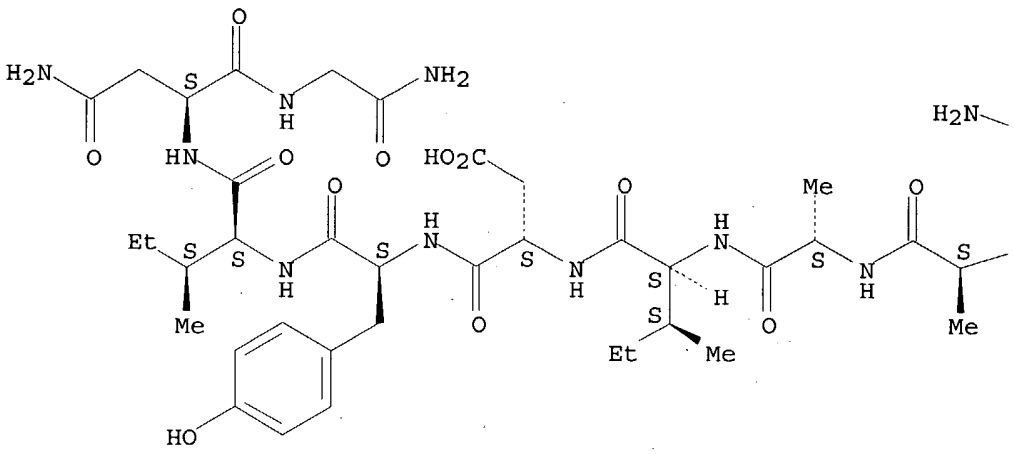
PAGE 1-C



RN 174289-79-3 CAPLUS
CN Glycinamide, N-[[[2-[[5-(hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl)-1-oxopentyl]amino]-9H-fluoren-9-yl]methoxy]carbonyl]-L-valyl-L-glutaminyl-L-alanyl-L-alanyl-L-isoleucyl-L-α-aspartyl-L-tyrosyl-L-isoleucyl-L-asparaginyl-, [3aS-[3aα,4β(S*),6aα]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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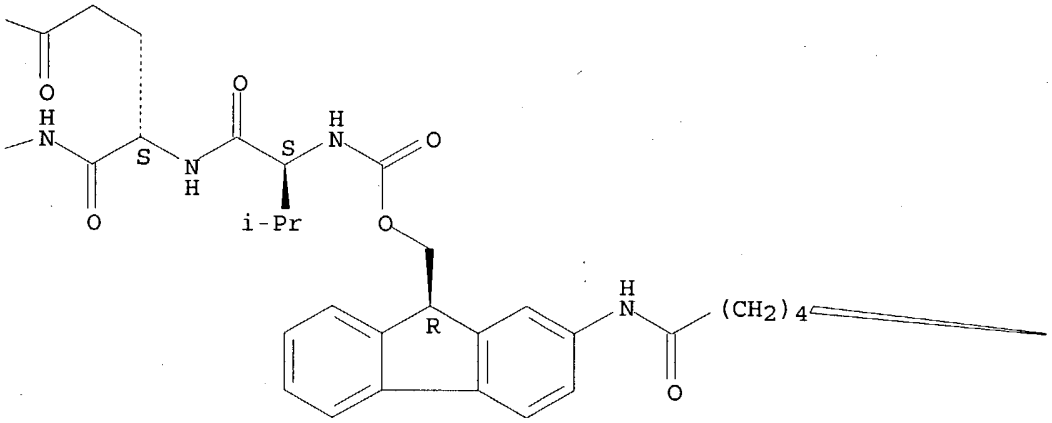
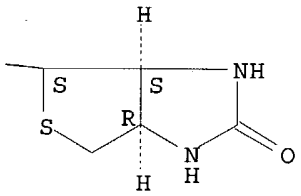


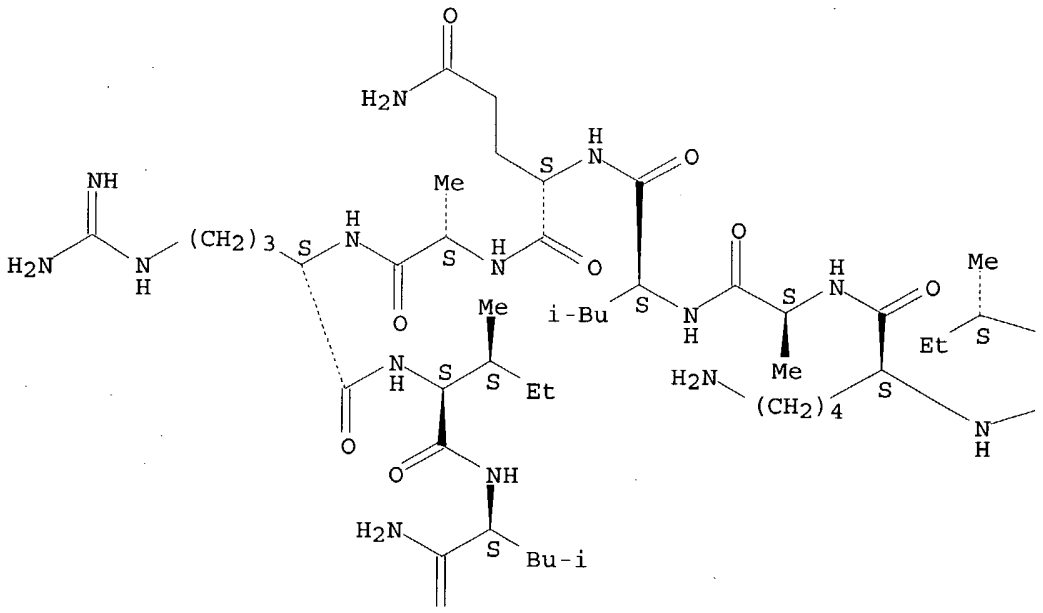
PAGE 1-C



RN 174289-82-8 CAPLUS
CN L-Leucinamide, N-[[[2-[[5-(hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl)-1-oxopentyl]amino]-9H-fluoren-9-yl]methoxy]carbonyl]-L-leucyl-L-leucyl-L-glutaminyl-L-leucyl-L-threonyl-L-valyl-L-tryptophylglycyl-L-isoleucyl-L-lysyl-L-alanyl-L-leucyl-L-glutaminyl-L-alanyl-L-arginyl-L-isoleucyl-, [3aS-[3aα,4β(S*),6aα]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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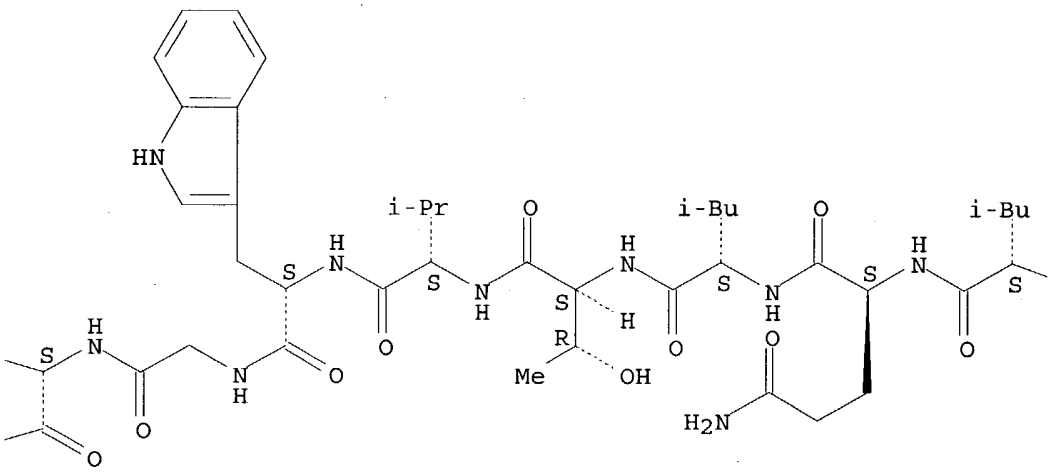

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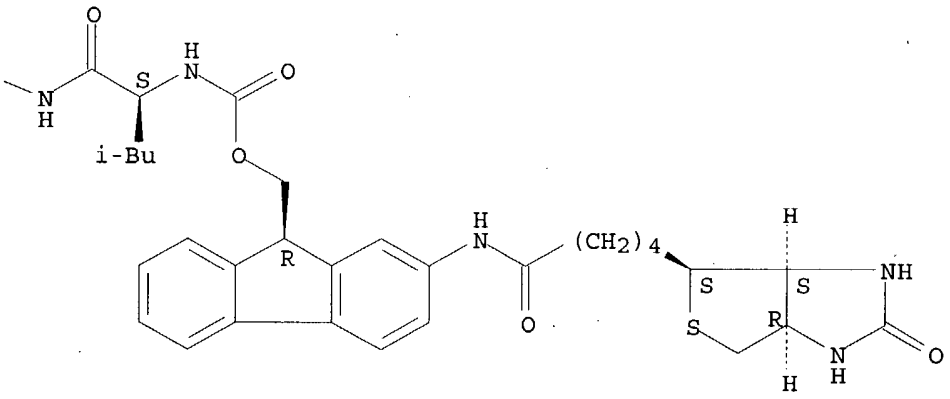


PAGE 2-A

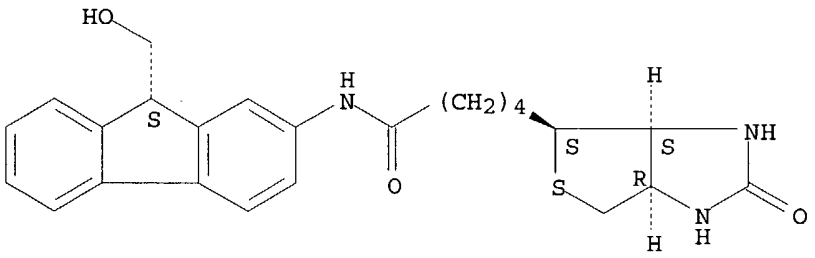
IT **174136-18-6P 174136-19-7P 174289-80-6P 174289-81-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of a (biotinylamino)fluorenylmethyl active ester as a convenient transient biotinylation reagent affinity chromatog. purification of peptides)

RN 174136-18-6 CAPLUS

CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[9-(hydroxymethyl)-9H-fluoren-2-yl]-2-oxo-, [3aS-[3aα,4β(R*),6aα]]- (9CI) (CA INDEX NAME)

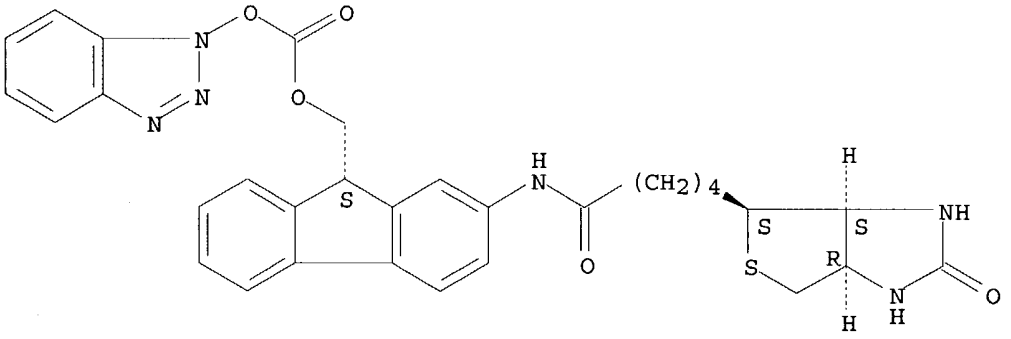
Absolute stereochemistry.



RN 174136-19-7 CAPLUS

CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[9-[[[(1H-benzotriazol-1-yloxy)carbonyl]oxy]methyl]-9H-fluoren-2-yl]hexahydro-2-oxo-, [3aS-[3aα,4β(R*),6aα]]- (9CI) (CA INDEX NAME)

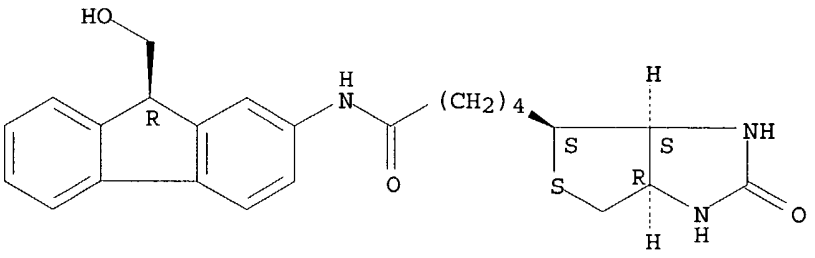
Absolute stereochemistry.



RN 174289-80-6 CAPLUS

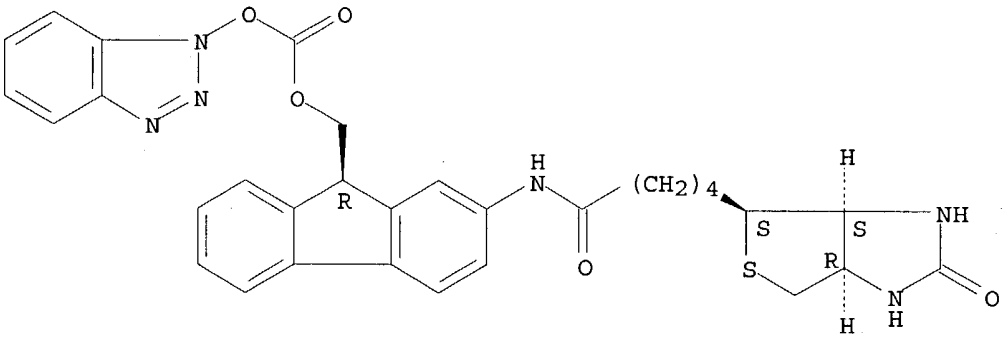
CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, hexahydro-N-[9-(hydroxymethyl)-9H-fluoren-2-yl]-2-oxo-, [3aS-[3aα,4β(S*),6aα]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 174289-81-7 CAPLUS
CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[9-[[[(1H-benzotriazol-1-yloxy)carbonyl]oxy]methyl]-9H-fluoren-2-yl]hexahydro-2-oxo-, [3aS-[3aα,4β(S*),6aα]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d l14 ibib abs hitstr tot

L14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:494783 CAPLUS
DOCUMENT NUMBER: 137:195453
TITLE: Discovery and Optimization of a Series of Carbazole Ureas as NPY5 Antagonists for the Treatment of Obesity
AUTHOR(S): Block, Michael H.; Boyer, Scott; Brailsford, Wayne; Brittain, David R.; Carroll, Debra; Chapman, Steve; Clarke, David S.; Donald, Craig S.; Foote, Kevin M.; Godfrey, Linda; Ladner, Anthony; Marsham, Peter R.; Masters, David J.; Mee, Christine D.; O'Donovan, Michael R.; Pease, J. Elizabeth; Pickup, Adrian G.; Rayner, John W.; Roberts, Andrew; Schofield, Paul; Suleman, Abid; Turnbull, Andrew V.
CORPORATE SOURCE: AstraZeneca, Macclesfield Cheshire, SK10 4TG, UK
SOURCE: Journal of Medicinal Chemistry (2002), 45(16), 3509-3523
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

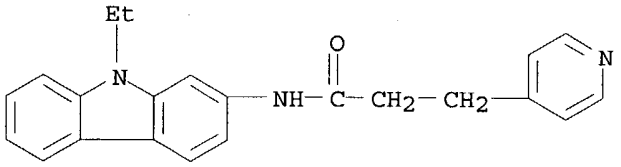
AB The hypothesis that antagonists of the neuropeptide Y5 receptor would provide safe and effective appetite suppressants for the treatment of obesity has prompted vigorous research to identify suitable compds. We discovered a series of acylated aminocarbazole derivs. (e.g., 3a) that are potent and selective Y5 antagonists, representing interesting starting points but suffering from poor bioavailability and concerns about potential toxicity as a consequence of the embedded aminocarbazole fragment. It proved relatively easy to improve the drug metabolism and pharmacokinetic (DMPK) properties by variation of the side chain (as in 4a) but difficult to eliminate the aminocarbazole fragment. For compds. in this series to have the potential to be drugs, we believed that both the compound itself and the component aniline must be free of mutagenic activity. Parallel structure-activity relationship studies looking at the effects of ring substitution have proved that it is possible by incorporation of a 4-Me substituent to produce carbazole ureas with potent

Y5 activity, comprised of carbazole anilines that in themselves are devoid of mutagenic activity in the Ames test. Compound 4o (also known as NPY5RA-972) is highly selective with respect to Y1, Y2, and Y4 receptors (and also to a diverse range of unrelated receptors and enzymes), with an excellent DMPK profile including central nervous system penetration. NPY5RA-972 (4o) is a highly potent Y5 antagonist in vivo but does not block neuropeptide Y-induced feeding nor does it reduce feeding in rats, suggesting that the Y5 receptor alone has no significant role in feeding in these models.

IT **322723-04-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(discovery and optimization of series of carbazole ureas as NPY5 antagonists for obesity treatment)

RN 322723-04-6 CAPLUS

CN 4-Pyridinepropanamide, N-(9-ethyl-9H-carbazol-2-yl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 70 THERE ARE 70 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

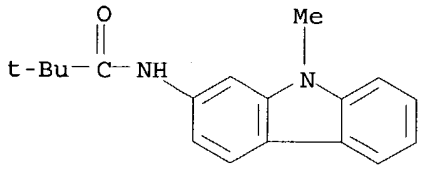
L14 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:629619 CAPLUS
DOCUMENT NUMBER: 135:357819
TITLE: Lithiation of pivaloylamino derivatives of dibenzofuran and 9-methylcarbazole
AUTHOR(S): Deady, Leslie W.; Sette, Robert M. D.
CORPORATE SOURCE: Chemistry Department, La Trobe University, Vic., 3086, Australia
SOURCE: Australian Journal of Chemistry (2001), 54(3), 177-180
CODEN: AJCHAS; ISSN: 0004-9425
PUBLISHER: CSIRO Publishing
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 135:357819

AB 2-, 3- And 4-Pivaloylamino derivs. of dibenzofuran [compds. 5, 4, and 6, resp.] and analogous 3-, 2- and 1-substituted derivs. of 9-methylcarbazole [compds. 8, 7, and 9, resp.] were subjected to lithiation at 0°C and subsequent reaction with DMF. Aldehyde formation took place at positions α to δ to the heteroatom as follows: α for 4 and 7; δ for 5; δ and β (3:1) for 8; and α' for 6. No formylation occurred with 9.

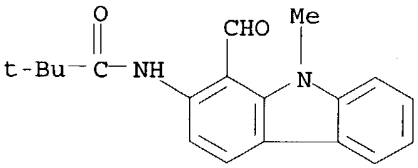
IT **373367-60-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(lithiation of pivaloylamino derivs. of dibenzofuran and methylcarbazole)

RN 373367-60-3 CAPLUS

CN Propanamide, 2,2-dimethyl-N-(9-methyl-9H-carbazol-2-yl)- (9CI) (CA INDEX NAME)



IT **373367-64-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(lithiation of pivaloylamino derivs. of dibenzofuran and methylcarbazole)
RN 373367-64-7 CAPLUS
CN Propanamide, N-(1-formyl-9-methyl-9H-carbazol-2-yl)-2,2-dimethyl- (9CI) (CA INDEX NAME)



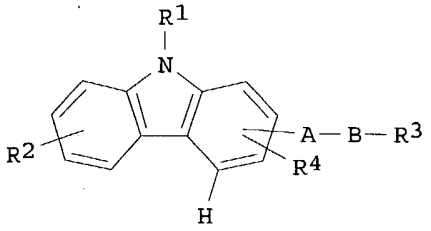
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:78361 CAPLUS
DOCUMENT NUMBER: 134:147496
TITLE: Preparation of carbazoles as neuropeptide Y5 receptor ligands
INVENTOR(S): Block, Michael Howard; Donald, Samuel Craig; Foote, Kevin; Schofield, Paul; Marsham, Peter Robert
PATENT ASSIGNEE(S): AstraZeneca UK Limited, UK
SOURCE: PCT Int. Appl., 169 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001007409	A1	20010201	WO 2000-GB2745	20000715

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: GB 1999-17173 A 19990723
GB 1999-18380 A 19990805
GB 1999-30314 A 19991222
OTHER SOURCE(S): MARPAT 134:147496
GI



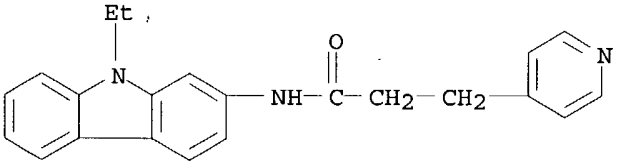
I

AB The title compds. [I; R1 = H, alkyl, aryl, etc.; R2 = H, alkyl, CN, etc.; A = NH, CH2NH, NHCO, etc.; B = alkylene, alkenylene, a direct bond, etc.; R3 = H, OH, alkoxy, etc.; R4 = H, alkyl, halo, NO2] and their pharmaceutically acceptable salts, useful for the treatment of disorders mediated by the neuropeptide Y5 receptor, were prepared and formulated. E.g., reacting 3-amino-9-ethylcarbazole with PrNCO in the presence of Et3N in DMF afforded 50% I [R1 = Et; R2, R4 = H; ABR3 = 3-(NHCONHPr)]. In general, the compds. I possess an IC50 of 0.0002-200 μM against neuropeptide Y5 receptor binding.

IT **322723-04-6P 322724-12-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of carbazoles as neuropeptide Y5 receptor ligands)

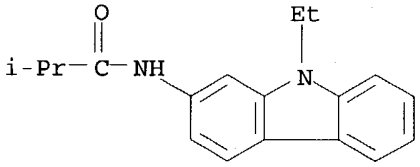
RN 322723-04-6 CAPLUS

CN 4-Pyridinepropanamide, N-(9-ethyl-9H-carbazol-2-yl)- (9CI) (CA INDEX NAME)



RN 322724-12-9 CAPLUS

CN Propanamide, N-(9-ethyl-9H-carbazol-2-yl)-2-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1986:626346 CAPLUS
DOCUMENT NUMBER: 105:226346
TITLE: Heterocyclic amides
INVENTOR(S): Brown, Frederick Jeffrey; Bernstein, Peter Robert;

	Yee, Ying Kwong
PATENT ASSIGNEE(S):	ICI Americas, Inc., USA
SOURCE:	Eur. Pat. Appl., 137 pp.
	CODEN: EPXXDW
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 179619	A1	19860430	EP 1985-307498	19851017
EP 179619	B1	19900905		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
FI 8504024	A	19860420	FI 1985-4024	19851016
ZA 8507952	A	19860528	ZA 1985-7952	19851016
HU 38905	A2	19860728	HU 1985-4007	19851016
HU 194163	B	19880128		
AU 8548814	A1	19860424	AU 1985-48814	19851017
AU 583062	B2	19890420		
DD 253618	A5	19880127	DD 1985-281838	19851017
SU 1545940	A3	19900223	SU 1985-3970050	19851017
AT 56205	E	19900915	AT 1985-307498	19851017
DK 8504793	A	19860420	DK 1985-4793	19851018
DK 169541	B1	19941128		
NO 8504163	A	19860421	NO 1985-4163	19851018
JP 61178963	A2	19860811	JP 1985-231457	19851018
JP 07045466	B4	19950517		
ES 548011	A1	19870401	ES 1985-548011	19851018
IL 76756	A1	19890515	IL 1985-76756	19851018
CA 1273934	A1	19900911	CA 1985-493372	19851018
US 4997844	A	19910305	US 1985-788807	19851018
CN 85108623	A	19860730	CN 1985-108623	19851019
ES 554577	A1	19871201	ES 1986-554577	19860430
ES 554578	A1	19871201	ES 1986-554578	19860430
ES 554580	A1	19880216	ES 1986-554580	19860430
ES 554579	A1	19880616	ES 1986-554579	19860430
ES 554579	A5	19880714		
SU 1595338	A3	19900923	SU 1987-4202434	19870424
US 5234942	A	19930810	US 1990-628787	19901217

PRIORITY APPLN. INFO.:	GB	1984-26474	19841019
	GB	1985-7305	19850321
	GB	1985-7861	19850326
	GB	1985-7862	19850326
	EP	1985-307498	19851017
	US	1985-788807	19851018

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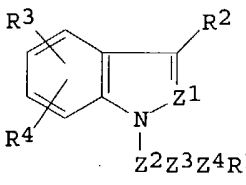

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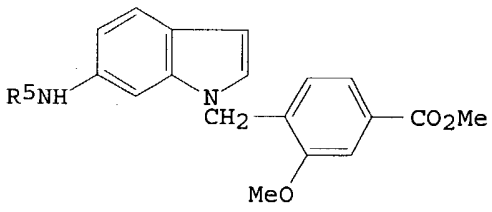


II

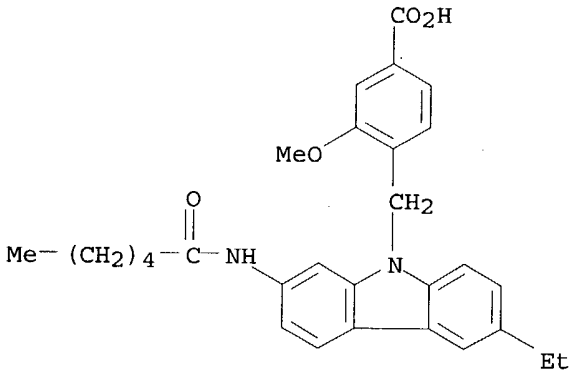
AB Title compds. I [Z1 = CH, N; Z2 = alkylene, alkenylene; Z3 = bond, O, S,

phenylene, etc.; Z4 = CH2, CH:CH, bond; R1 = CO2H, 5-tetrazolyl , N-(organosulfonyl)carbamoyl, etc.; R2 = H, Me, halo, alkanoyl, etc.; R3 = H, halo, alkyl, alkoxy; R4 = acylamino, esterified NHCO2H, substituted ureido, H2NCO, etc.] were prepared for treatment of allergic and inflammatory diseases. Indolamine II (R5 = H) was treated with hexanoyl chloride and Et3N to give II (R5 = hexanoyl). Selected I showed leukotriene antagonism in guinea-pigs at 5-50 mg orally. Capsules were prepared containing I 10, lactose 488.5, and Mg stearate 1.5 mg.

IT **104447-48-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as a drug)

RN 104447-48-5 CAPLUS

CN Benzoic acid, 4-[[6-ethyl-2-[(1-oxohexyl)amino]-9H-carbazol-9-yl]methyl]-3-methoxy- (9CI) (CA INDEX NAME)



L14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1961:131565 CAPLUS
DOCUMENT NUMBER: 55:131565
ORIGINAL REFERENCE NO.: 55:24854a-d
TITLE: Development of new histochemical substrates and diazonium salts for the demonstration of aminopeptidase
AUTHOR(S): Burstone, M. S.; Weisburger, E. K.
CORPORATE SOURCE: Natl. Insts. of Health, Bethesda, MD
SOURCE: Journal of Histochemistry and Cytochemistry (1961), 9, 349-55
CODEN: JHCYAS; ISSN: 0022-1554
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

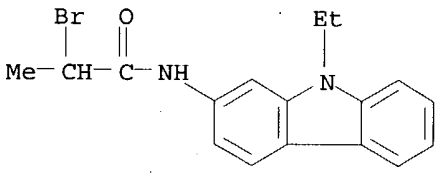
AB cf. CA 50, 12162a. New substrates for aminopeptidase were prepared from aryl amines to improve histochem. localization by permitting metal chelation and reducing lipide solubility The amines, the m.p. of the bromoamide derivative, and that of the alanyl derivative, resp., were as follows:
2-amino-3-naphthoic acid, 218.0°-218.5°, 245°;
5-nitro-1-naphthylamine, 191-2°, 155°(HCl);
2-amino-chrysene, 223-4°, 173.5-174°; p-aminoazobenzene 181-2°, 115°; 2-aminofluorenone, 230°, 175-6°;
3-aminodibenzofuran (I), 194-5°, 128.5-130°;
p-aminodiphenylamine, 145.5-6.5°; 3-amino-9-ethylcarbazole (II), 215-16°, 156° (HCl salt); 1-amino-5,6,7,8-tetrahydronaphthalene (III), 144.5°, 72-3°;
2-amino-5,6,7,8-tetrahydronaphthalene, 116.0-16.5°, 245-6°

(HCl salt); and 3-aminocarbazole (IV), 235°, 207-8°. Of these I, II, III and IV were useful as substrates. Diazonium sulfates of amino anthraquinones, amino fluoborates, and diazotized amines were prepared as coupling agents. Most of these inhibited the enzyme, but the diazonium sulfate of 4-phenylazo-1-amino naphthalene formed a relatively lipide-insol. dye which was resistant to crystallization when used with alanylnaphthylamide as the substrate.

IT **101598-08-7**, Propionamide, 2-bromo-N-9-ethylcarbazol-2-yl-
109731-32-0, Propionamide, 2-amino-N-9-ethylcarbazol-2-yl-, hydrochloride
(aminopeptidase detection with)

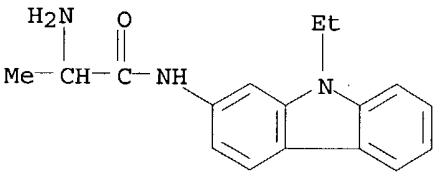
RN 101598-08-7 CAPLUS

CN Propionamide, 2-bromo-N-9-ethylcarbazol-2-yl- (6CI) (CA INDEX NAME)



RN 109731-32-0 CAPLUS

CN Propionamide, 2-amino-N-9-ethylcarbazol-2-yl-, hydrochloride (6CI) (CA INDEX NAME)



● HCl

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	29.42	507.79

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.16	-4.85

STN INTERNATIONAL LOGOFF AT 14:27:37 ON 01 JUN 2004